

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: HT-200 Series

CHEMICAL NAME: NA

CHEMICAL FAMILY: Polydimethylsiloxane Polymer

HMIS RATING: H 0 F 1 R 0

CAS NUMBER: NA  
(All components are TSCA listed.)

EMERGENCY PHONE: 860-774-9605

CHEMTREC: 800-424-9300

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical Name</u>                     | <u>CAS No.</u> | <u>%</u> | <u>OSHA PEL</u>                        | <u>ACGIH TLV</u>                       |
|--|----------------|----------|--|--|
| Barium Sulfate                           | 7727-43-7      | 30-50    | 5 mg/m <sup>3</sup><br>(Resp. Dust)    | 3 mg/m <sup>3</sup><br>(Resp. Dust)    |
| Alumina Trihydrate                       | 21645-51-2     | <10      | 5 mg/m <sup>3</sup><br>(Resp. Dust)    | 3 mg/m <sup>3</sup><br>(Resp. Dust)    |
| Treated Silica (non-crystalline)         | Trade Secret   | <5       | 5 mg/m <sup>3</sup><br>(Nuisance Dust) | 5 mg/m <sup>3</sup><br>(Nuisance Dust) |
| Carbon Black*                            | 1333-86-4      | <1       | 3.5 mg/m <sup>3</sup>                  | 3.5 mg/m <sup>3</sup>                  |
| Fiberglass Backing (Continuous filament) | 65997-17-3     | Varies   | 5 mg/m <sup>3</sup><br>(Resp. Dust)    | 3 mg/m <sup>3</sup><br>(Resp. Dust)    |

\*See Section 3

The remaining ingredients are not hazardous as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200.

### 3. HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Materials listed in Section 2 are encapsulated or compounded making release unlikely. Cutting and other finishing operations may create dust. Ventilation and personal protective equipment should be similar to operations generating nuisance dust.

INHALATION: Dusts may cause respiratory irritation.

EYE CONTACT: Dusts may cause irritation.

SKIN CONTACT: Dusts may cause irritation.

INGESTION: None known.

CHRONIC: The IARC has listed carbon black as a Class 2B possible human carcinogen based on animal studies.

#### 4. FIRST-AID MEASURES

|               |   |
|---------------|---|
| INHALATION:   | Remove to fresh air. Seek medical attention if condition merits.  |
| EYE CONTACT:  | Flush eyes and eyelids thoroughly with water and seek medical attention if irritation persists.   |
| SKIN CONTACT: | Wash contacted areas thoroughly with soap and water.  |
| INGESTION:    | Not a likely route of exposure. If large amounts of processing dusts are ingested resulting in gastrointestinal discomfort, seek medical attention. |

#### 5. FIRE-FIGHTING MEASURES

|                                     |  |              |                                    |       |                                    |                 |
|-------------------------------------|--|--------------|------------------------------------|-------|------------------------------------|-----------------|
| FLASH POINT:                        | NA   |              |                                    |       |                                    |                 |
| METHOD USED:                        | NA   |              |                                    |       |                                    |                 |
| AUTOIGNITION TEMPERATURE:           | NA   |              |                                    |       |                                    |                 |
| EXTINGUISHING MEDIA:                | <div><div>X</div><div>X</div></div>  | Water Fog    | <div><div>X</div><div></div></div> | Foam  | <div><div>X</div><div></div></div> | CO <sub>2</sub> |
|                                     |  | Dry Chemical | <div><div></div><div></div></div>  | Other |                                    |                 |
| SPECIAL FIRE FIGHTING PROCEDURES:   | Decomposition in a fire may produce toxic fumes and siliceous char. Firefighters should be equipped with self-contained breathing apparatus. |              |                                    |       |                                    |                 |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: | NA   |              |                                    |       |                                    |                 |
| HAZARDOUS DECOMPOSITION PRODUCTS:   | Carbon monoxide, carbon dioxide, fluorine compounds, formaldehyde, silicon dioxide, and traces of incompletely burned carbon compounds.      |              |                                    |       |                                    |                 |

#### 6. ACCIDENTAL RELEASE MEASURES

|                            |                  |
|----------------------------|------------------|
| PERSONAL PRECAUTIONS:      | None needed.     |
| ENVIRONMENTAL PRECAUTIONS: | None needed.     |
| CLEANING METHODS:          | Normal clean-up. |

#### 7. HANDLING AND STORAGE

|           |                          |
|-----------|--------------------------|
| HANDLING: | No special requirements. |
| STORAGE:  | Cool dry area.           |

#### 8. ENGINEERING CONTROLS/PERSONAL PROTECTION

|                            |  |
|----------------------------|--|
| <u>VENTILATION</u>         |  |
| LOCAL:                     | Recommended in heating, finishing, hot wire, and laser cutting operations. |
| GENERAL:                   | Recommended as with all industrial operations.                             |
| <u>PERSONAL PROTECTION</u> |  |
| HAND:                      | Cotton gloves to protect from fiberglass.                                  |
| EYE:                       | Safety glasses are recommended with all industrial operations.             |
| SKIN:                      | Any material that will prevent contact with fiberglass.                    |
| OTHER:                     | NA   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                        |   |
|------------------------|---|
| APPEARANCE:            | Cellular silicone material – fiberglass backing |
| ODOR:                  | Slight characteristic                           |
| PHYSICAL STATE:        | Solid   |
| BOILING POINT:         | NA  |
| MELTING POINT:         | NE  |
| FREEZING POINT:        | NE  |
| WATER SOLUBILITY:      | None  |
| VAPOR PRESSURE:        | NA  |
| SPECIFIC GRAVITY:      | 1.9   |
| PARTITION COEFFICIENT: | NA  |
| EXPLOSIVE PROPERTIES:  | NA  |
| EVAPORATION RATE:      | NA  |
| DENSITY:               | 1.9 g/cc  |
| VISCOSITY:             | NA  |
| IGNITION:              | NA  |
| pH:                    | NA  |

## 10. STABILITY AND REACTIVITY

STABLE   X   UNSTABLE       

CONDITIONS TO AVOID: None known.

MATERIALS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: See Section 5.

## 11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: Carbon black - IARC Class 2B (Possible carcinogenic to humans).

## 12. ECOLOGICAL INFORMATION

NA

## 13. DISPOSAL CONSIDERATION

ENVIRONMENTAL TOXICITY DATA: NA

WASTE DISPOSAL METHOD: In accordance with all local, state, and federal regulations (landfill).

CONTAINER DISPOSAL: In accordance with all local, state, and federal regulations (landfill).

## 14. TRANSPORT INFORMATION

|                            |    |
|----------------------------|----|
| DOT SHIPPING NAME:         | NA |
| DOT HAZARD CLASSIFICATION: | NA |
| PACKING GROUP:             | NA |
| UN/NA CODE:                | NA |

## 15. REGULATORY INFORMATION

TSCA  
(Toxic Substances Control Act): All ingredients are TSCA listed.

CERCLA  
(Comprehensive Emergency Response,  
Compensation, and Liability Act): NA

SARA TITLE III  
(Superfund Amendments and  
Reauthorization Act): NA

311/312 HAZARD CATEGORIES: None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

| <u>CAS #</u> | <u>CHEMICAL NAME</u> | <u>PERCENT BY WEIGHT</u> |
|--------------|----------------------|--------------------------|
| NA           | NA                   | NA                       |

## 16. OTHER INFORMATION

NA = Not Applicable  
NE = Not Established

FILE: HT-200Series.doc

DATE PREPARED: 7/26/00

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REVIEWED BY: Robert F. Lee

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